

Title (en)

Remote cable pair cross-connect system.

Title (de)

Ferngesteuertes Leitungspaarverzweigungssystem.

Title (fr)

Système d'interconnexion à distance de paires de câbles.

Publication

EP 0317852 A2 19890531 (EN)

Application

EP 88118865 A 19881111

Priority

US 12267887 A 19871119

Abstract (en)

A telecommunications system includes at least one central office having an electronic supervisor (32) for supervising a plurality of outside plant electronic cross-connect cabinets (30a) and a plurality of electronic cross-connect cabinets located remotely from the central office for automatically connecting and disconnecting distribution pairs to feeder pairs terminated at the cabinets. Each cabinet is connected to the electronic supervisor via a control pair (26a, b) in a feeder cable (32a) extending from the central office to the cabinet. The electronic supervisor at the central office automatically locates, verifies the identity of, and supervises automatic switching operations at a selected one of the plurality of electronic cross-connect cabinets by providing operating power and signalling information to the selected one via the control cable to which it is attached. Details of the electronic cross-connect cabinet independently form an aspect of the present invention.

IPC 1-7

H04Q 3/54; **H04Q 3/58**

IPC 8 full level

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CPC (source: EP US)

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Cited by

EP0814620A3; EP0396241A3; EP0639928A3; EP0648061A3; US5592475A; US5692043A; US5912960A; US6038303A; US8503668B2; US8340273B2; US6453014B1; US6895089B2; US8280034B2; WO2007060197A1; WO9934549A1; WO9516328A1; WO9743848A3; US6728367B1; US6493319B1; US6853724B2; US6826280B1; US6657966B1; US10153954B2; US10819602B2; WO9926426A1; WO0145452A3; US6421322B1; US7907537B2; US8804540B2; US9742633B2; US7519003B2

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